GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3447
ANSWERED ON:13.03.2003
FUNCTIONING OF POWER PLANTS IN TAMIL NADU AND GUJARAT
CHANDRESH PATEL KORDIA;GORDHANBHAI JAVIA

Will the Minister of POWER be pleased to state:

(a) whether various power plants of Tamil Nadu and Gujarat are not functioning properly;

(b) if so, the reasons therefor;

(c) the names of existing power plants in Tamil Nadu and Gujarat, location-wise;

(d) the generation capacity of each of the power plants;

(e) the steps taken so far to increase the power generation; and

(f) the requirement and the quantity of coal provided to each plant during the last two years and the quantity of coal to be provided during 2003?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) & (b) : The power plants in Tamil Nadu and Gujarat are functioning properly. However, performance of power plants starts deteriorating due to ageing or equipment deficiencies/problems. In order to improve/sustain performance, Renovation & Modernisation (R&M) and Life Extension (LE) works are taken up.

(c) & (d) : Details of existing power plants and its capacity located in Tamil Nadu and Gujarat are given in Annexure-I.

(e) : One of the major steps to increase generation from the existing power plants, is by carrying out Renovation and Modernisation/Life Extension programme. R&M/LE works have been carried out/being taken up in respect of the following power stations in Tamil Nadu and Gujarat.

Tamil Nadu:

(i) Ennore Thermal Power Station (450 MW)

3x110 MW Units - R&M completed.
2x60 MW Units - R&M programmed for 2003-04

(ii) Tuticorin Thermal Power Station (1050 MW)

3x210 MW Units - R&M under implementation.
3x210 MW Units - R&M/LE programmed during 10th Plan.

(iii) Neyveli Thermal Power Station (600 MW) - NLC

6x50 MW + 3x100 MW Units - LE works completed.

(iv) Mettur Dam (Hydro)

4x10 MW Units - R&M/LE works being undertaken.

(v) Papanasam (Hydro)

4x7 MW Units - R&M/LE works being undertaken.

(vi) Pykara (Hydro)

3x65 MW + 2x11 MW + 2x14 MW Units - R&M/LE works being undertaken.

Gujarat:

(i) Ukai Thermal Power Station (850 MW)

2x120 MW units identified for R&M/LE during 10th Plan.

(ii) Gandhi Nagar Thermal Power Station (870 MW)

2x120 MW Units identified for LE during 10th Plan.

(iii) Dhuvaran Thermal Power Station (534 MW)

4x63.5 MW + 2x140 MW Units - LE programmed during 10th Plan.

(iv) Wanakbori Thermal Power Station (1470 MW)

6x210 MW Units - R&M under implementation.

(f) : Coal requirement vis-Ã -vis supply to Thermal Power Plants in Tamil Naduand Gujarat during the years 2000-01, 2001-02 and 2002-03 (upto February, 2003) is given in Annexure-II.

ANNEXURE-I

ANNEXUREREFERREDTO IN REPLYTO PARTS (c) & (d) OF UNSTARRED QUESTION NO.3447 TO BE ANSWERED IN T LOK SABHA ON 13.3.2003.

STATEMENT SHOWING THE NAMES OF THE EXISTING POWER PLANTS AND ITS CAPACITY LOCATED IN TAMIL N GUJARAT:-

TAMIL NADU GUJARAT

Name of Station	Capacity (MW)	Name of Station	Capacity (MW)
THERMAL		THERMAL	
ENNORE	450.0	DHUVARAN	534.0
TUTICORIN	1050.0	UKAI	850.0
METTUR	840.0	GANDHI NAGAR	660.0
NORTH MADRAS	630.0	WANAKBORI	1260.0
BASIN BRIDGE GT	120.0	G.S.E.C.L.	420.0
P. NALLUR CCGT	330.5	SIKKA REP.	240.0
B. BRIDGE D.G	200.0	KUTCH LIG.	215.0
SAMALPATTI DG	105.7	UTRAN GT	144.0
SAMAYANALLUR DG	106.0	HAZIRA CCCP	156.1
NEYVELI ST I(NLC)	600.0	DHUVARAN GT	27.0
NEYVELI ST II(NLC)	1470.0	A.E.CO.	60.0
NEYVELI FST EXT	210.0	SABARMATI	330.0
NARIMAN GT	10.0	SURAT LIGNITE	250.0
VALUTHUR GT	60.0	VATWA GT	100.0
KOVILKALAPPAL	107.0	G.I.P.C.L. GT	305.0
HYDRO		G.T.E. CORP.	655.0
PYKARA	70.0	KAWAS GT(NTPC)	644.0
PYKARA DAM	2.0	GANDHAR GT(NTPC)	648.0
MOYAR	36.0	HYDRO	
KUNDAH	555.0	UKAI	305.0
METTUR DAM	40.0	KADANA	240.0
METTUR TUNNEL	200.0	NUCLEAR	
PERIYAR	140.0	KAKRAPAR ATOMIC	440.0
KODAYAR	100.0	POWER(NPC)	
SHOLAYAR	95.0		
ALIYAR	60.0		
SARKARPATHY	30.0		
PAPANASAM	28.0		
SURULIYAR	35.0		
SERVALAR	20.0		
LOWER METTUR	120.0		
KADAMPARI	400.0		
VAIGAI	6.0		
LOWER BHAVANI	16.0		
SATHNUR DAM	7.5		
PARSEN`S VALLEY	30.0		
NEYVELI TPS (Z)	250.0		
NUCLEAR			
MADRAS ATOMIC POWER (NPC)	340.0		

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART(f) OF UNSTARRED QUESTION NO.3447 TO BE ANSWERED IN THE LOK SABHA ON 13.3.2003.

COAL REQUIREMENT VS SUPPLY Fig in `000 Tonnes

	2000-01		2001-02		2002-03(Up to Feb.03)	
	Requirement	Supply	Requirement	Supply	Requirement	Supply
GUJARAT						
1. Gandhinagar	2665	2392	2325	2135	2600	2268
2. Sikka	660	690	900	784	875	675
3. Ukai	2760	3293	3000	3362	3865	3333
4. wanakbori	6620	6872	6175	6039	7340	6602

TAMIL NADU

1.	Ennore	1485	1096	2310	1037	1720	1480
2.	Mettur	5130	5235	4335	4812	3815	4101
3.	Tuticorin	5115	5591	5220	5193	4775	4456
4.	North Chennai	3315	3476	3330	3654	3285	3157